HYGIENETECH
Hygiene Technologies International, Inc.

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May 25, 2011

State of California
Board of Equalization
450 N Street
Sacramento, California 94279

Document No. 21105001.1

Attention: David Gau

Regarding: Fungal Growth Remediation Monitoring and Exposure Assessment Surveys
M Floor Supply Fans 1 & 2 Room

Dear Mr. Gau:

On various dates in April and May, 2011, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) monitored varying activities involving cleaning, isolation of chilled water pipe insulation, and fungal growth remediation of the chilled water pipe insulation in the Supply Fans 1 & 2 Room on the M Floor of the State of California Board of Equalization (BOE) building located at 450 N Street in Sacramento, California. Fungal growth remediation was performed by JLS Environmental Services, Inc. (JLS) under the supervision of LaCroix Davis, LLC (LCD), an industrial hygiene consulting firm contracted with the State of California Department of General Services (DGS). Following the completion of all such activities and upon the reactivation of supply fans, HygieneTech collected air samples at various locations throughout the building in order to determine airborne fungi exposure potentials for building occupants on April 3, 4, and May 15 and 16, 2011.

During the period from April 2 to 3, 2011, JLS personnel performed cleaning activities which involved vacuuming with equipment having high efficiency particulate air (HEPA) filtration and wet wiping of all the surfaces in the Supply Fans 1 & 2 Room, including the exterior surfaces of the supply fans. Additionally, JLS personnel isolated all chilled water pipe insulation materials with plastic sheeting and tape. Prior to the isolation of chilled water pipe insulation with plastic sheeting and tape, critical barriers (isolation with plastic sheeting and tape) were established at all the necessary surfaces including the coils and supply fan openings. Supply Fans in the area were turned off prior to commencement of all such activities and were turned on following the receipt of successful air sampling data in the affected areas by LCD. All activities including isolation of chilled water pipe insulation and subsequent cleaning of all surfaces was conducted within controlled negative pressure containments that were monitored with the use of manometers. Those control measures were utilized so that dispersion of airborne spores was limited to the enclosed area.

On May 13 and 14, 2011, JLS personnel performed additional remediation in the affected areas involving chilled water pipe insulation materials and also performed additional cleaning activities including HEPA vacuuming and wet wiping of all the surfaces within the containment. Prior to the remediation, critical barriers (isolation with plastic sheeting and tape) were established at all the necessary surfaces including the supply air duct, coils and supply fans. At that time, HygieneTech observed and documented the removal of all the fungal growth-contaminated chilled water pipe insulation materials and the decontamination of remaining materials including but not limited to chilled water pipes, valves, concrete floor and walls. Supply fans were deactivated prior to commencement of all such activities and were then reactivated following the receipt of

successful air sampling data by LCD and upon reinsulating the chilled water pipes. All remediation work performed on May 13 and 14 was conducted within controlled negative pressure containments that were monitored with the use of monometers. Those control measures were utilized so that dispersion of airborne spores was limited to the enclosed area.

Surface samples were collected using cellophane tape segments that were affixed to microscope slides. Air samples were collected using a Zefon brand Bio-Pump™ equipped with Zefon Air-O-Cell™ cassettes. All such samples were subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program. The analytical data with supporting and background information appear in the enclosed Tables 21105001-17 and 21105001-18.

As shown in Table 21105001-17, the surface assessment data collected on April 2 and May 13, 2011 indicated fungal growth involving *Acremonium, Aspergillus, Cladosporium*, colorless spores typical of *Penicillium/Aspergillus*, and/or *Stachybotrys* on the chilled water pipe insulation surfaces. Following the completion of the fungal growth remediation activities on May 14, visual inspections were performed within Supply Fans 1 & 2 Room. By observation, all gross quantities of fungal growth had been removed from the fungal growth remediation area.

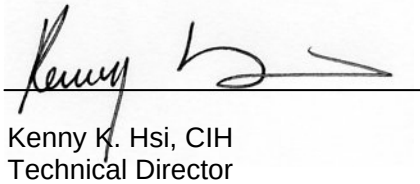
As presented in Table 21105001-18, the airborne spore count data recorded showed mostly fungal spore types outdoors such as *Alternaria*, ascospores, basidiospores, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, other colorless, smuts, and/or *Torula,* with basidiospores predominating. Indoors, the ambient data showed that airborne fungal spores were either not detected at or above the laboratory analytical detection limit or were detected at low airborne concentrations. The common fungal spore types found indoors included one or more of the following: ascospores, basidiospores, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, other brown, rusts, and/or smuts. The distribution of fungal spore types detected in the surveyed areas was consistent with those found outdoors, and the overall data within the tested areas were well below the overall data recorded outdoors. These data are considered unremarkable and are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

Be advised that the data provided in this report only represent limited fungal growth and exposure potentials that existed at the time the surveys were performed and at the precise sample locations indicated, the latter of which were selected based on the available background information provided. Note that fungal growth and exposure potentials may change due to changes in environmental conditions (such as those caused by water intrusion), use of mechanical systems, or other factors. Also be advised that additional fungal growth may exist at one or more locations in the structure that were not specifically assessed during the surveys.

If you have any comments or questions regarding the information contained in this correspondence, please feel free to contact our offices directly at (310) 370-8370.

Sincerely,

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.



Kenny K. Hsi, CIH
Technical Director

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: State of California
Board of Equalization
450 N Street
Sacramento, California 95814

TABLE 21105001-17
SURFACE FUNGAL GROWTH POTENTIALS
ABATEMENT MONITORING
M FLOOR
SACRAMENTO, CALIFORNIA
APRIL 2 AND MAY 13, 2011

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
04/02/11	21104001-36 TL03	M Floor; Supply Fan 1& 2 Room; chilled water pipe along northern partition wall at eastern end; approximately 15 feet above floor; from horizontal surface of insulation paper	Very heavy	Very few	4+ *Cladosporium* (spores, hyphae, conidiophores) 3+ Colorless spores typical of Penicillium/ *Aspergillus* (spores, hyphae)	None	Fungal growth
04/02/11	21104001-36 TL04	M Floor; Supply Fan 1& 2 Room; chilled water pipe along northern partition wall immediately west of entry door; approximately 12 feet above floor; from vertical surface of insulation paper	Very heavy	Very few	4+ *Cladosporium* (spores, hyphae, conidiophores) 1+ Colorless spores typical of *Penicillium*/ *Aspergillus* (spores, hyphae)	None	Fungal growth
05/13/11	21104001-36 TL05	M Floor; Supply Fan 1& 2 Room; chilled water pipe at southwestern corner; approximately six feet above floor; from vertical surface of insulation paper previously located beneath the pipe jacket	Moderate	Very few	4+ *Stachybotrys* species (spores, hyphae, conidiophores) 1+ *Acremonium* species (spores, hyphae, conidiophores) 1+ *Aspergillus* species (spores, hyphae, conidiophores)	None	Fungal growth

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: State of California
Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 21105001-18
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
APRIL AND MAY, 2011

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21104001-1 TM11OUT**	**21104001-1 TM12**	**21104001-1 TM13**	**21104001-1 TM14**
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 15 feet north of building; approximately five feet above ground/Normal outdoor activities	1st Floor; high rise elevator lobby; about center; approximately five feet above floor/Sampling activities only	5th Floor; northern hallway; about five feet north of elevator lobby; approximately five feet above floor/Sampling activities only	8th Floor; Column N21 area; Cubicle 162; about center; approximately five feet above floor/Sampling activities only
DATE	04-03-11	04-03-11	04-03-11	04-03-11
START/STOP	19:47:00/19:52:00	19:54:00/19:59:00	20:05:00/20:10:00	20:16:00/20:21:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13			
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores	210	53		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53		53	53
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium				
Other brown				
Other colorless				
Penicillium/Aspergillus types				
Pithomyces				
Rusts			13	
Smuts (Periconia, Myxomycetes)	13			
Stachybotrys				
Stemphylium				
Torula				
Hyphal Fragments	40	<13	13	<13
Background debris*	2+	1+	1+	1+
TOTAL**	290	53	67	53

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

**Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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Board of Equalization
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Sacramento, California 94279

TABLE 21105001-18
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450 N STREET
SACRAMENTO, CALIFORNIA
APRIL AND MAY, 2011

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21104001-1 TM15**	**21104001-1 TM16**	**21104001-1 TM17**	**21104001-1 TM18**
SAMPLING LOCATION/ACTIVITIES	14th Floor; Conference Room 1406; about five feet south of entry door; approximately five feet above floor/Sampling activities only	3rd floor; area between Column K20 and J20; about center; approximately five feet above floor/ Normal office activities	22nd Floor; southern hallway; about five feet south of elevator lobby; approximately five feet above floor/ Normal office activities	18th Floor; Conference Room 1806; about center; approximately five feet above floor/ Normal office activities
DATE	04-03-11	04-04-11	04-04-11	04-04-11
START/STOP	20:28:00/20:33:00	06:51:00/06:56:00	07:11:00/07:16:00	07:21:00/07:26:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores		53	53	53
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53			
Curvularia				
Epicoccum				
Fusarium				
Oidium				
Other brown				
Other colorless				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)		13	13	
Stachybotrys				
Stemphylium				
Torula				
Hyphal Fragments	<13	<13	<13	<13
Background debris*	2+	1+	2+	2+
TOTAL**	53	67	67	53

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

**Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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APPENDIX A

CLIENT: State of California
Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 21105001-18
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
APRIL AND MAY, 2011

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21104001-1 TM19**	**21104001-1 TM20OUT**	**21104001-1 TM21OUT**	**21104001-1 TM22**
SAMPLING LOCATION/ACTIVITIES	11th Floor; northern hallway; about five feet north of high rise elevator lobby; approximately five feet above floor/ Normal office activities	Outdoors; about 15 feet east of building; approximately five feet above ground/Normal outdoor activities	Outdoors; about 15 feet north of building; approximately five feet above ground/Normal outdoor activities	1st Floor; low rise elevator lobby; about center; approximately five feet above floor/Sampling activities only
DATE	04-04-11	04-04-11	05-15-11	05-15-11
START/STOP	07:29:00/07:34:00	07:38:00/07:43:00	20:17:00/20:22:00	20:26:00/20:31:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria		13		
Arthrinium				
Ascospores	110	430	800	
Aureobasidium				
Basidiospores	370	2,100	750	110
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	160	750	530	
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium				
Other brown				
Other colorless		40		
Penicillium/Aspergillus types	53	800		
Pithomyces				
Rusts			13	
Smuts (Periconia, Myxomycetes)		13	27	
Stachybotrys				
Stemphylium				
Torula		13		
Hyphal Fragments	13	67	<13	<13
Background debris*	2+	3+	2+	2+
TOTAL**	690	4,200	2,100	110

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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CLIENT: State of California
Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 21105001-18
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
APRIL AND MAY, 2011

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	21104001-1 TM23	21104001-1 TM24	21104001-1 TM25	21104001-1 TM26OUT
SAMPLING LOCATION/ACTIVITIES	11th Floor; high rise elevator lobby; about center; approximately five feet above floor/Sampling activities only	14th Floor; northern hallway; about center; approximately five feet above floor/Sampling activities only	24th Floor; southern hallway; about center; approximately five feet above floor/Sampling activities only	Outdoors; about 20 feet east of building; approximately five feet above ground/Normal outdoor activities
DATE	05-15-11	05-15-11	05-15-11	05-16-11
START/STOP	20:28:00/20:33:00	20:43:00/20:48:00	20:51:00/20:56:00	06:40:00/06:45:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				13
Arthrinium				
Ascospores	53			750
Aureobasidium				
Basidiospores				8,200
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				210
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium				
Other brown				
Other colorless				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)				13
Stachybotrys				
Stemphylium				
Torula				
Hyphal Fragments	<13	<13	<13	<13
Background debris*	3+	2+	2+	2+
TOTAL**	53	<13	<13	9,100

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

**Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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Board of Equalization
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Sacramento, California 94279

TABLE 21105001-18
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
APRIL AND MAY, 2011

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21104001-1 TM27**	**21104001-1 TM28**	**21104001-1 TM29**	**21104001-1 TM30**
SAMPLING LOCATION/ACTIVITIES	20th Floor; Break Room 2014; about center; approximately five feet above floor/Normal office activities	15th Floor; Column K18 area; Cubicle 61; about center; approximately five feet above floor/ Normal office activities	7th Floor; Column L22 area; Cubicle 92; about center; approximately five feet above floor/ Normal office activities	3rd Floor; Column K22 area; about three feet north of Column K22; approximately five feet above floor/ Normal office activities
DATE	05-16-11	05-16-11	05-16-11	05-16-11
START/STOP	06:49:00/06:53:00	06:58:00/07:03:00	07:05:00/07:10:00	07:13:00/07:18:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium				
Other brown	13			
Other colorless				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	13	13		
Stachybotrys				
Stemphylium				
Torula				
Hyphal Fragments	<13	<13	13	<13
Background debris*	2+	2+	3+	2+
TOTAL**	27	13	<13	<13

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

**Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

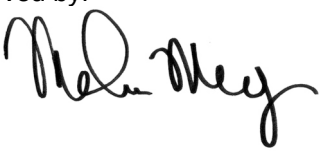
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21104001-36
EML ID: 769292

Approved by:



Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Direct microscopic exam (Qualitative): 04-06-2011

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-36

Date of Sampling: 04-02-2011
Date of Receipt: 04-04-2011
Date of Report: 04-05-2011

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3403452-2: Tape sample 21104001-36 TL03				
Very Heavy	Very few	4+ *Cladosporium* species (spores, hyphae, conidiophores) 3+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth
Lab ID-Version: 3403453-2: Tape sample 21104001-36 TL04				
Very Heavy	Very few	4+ *Cladosporium* species (spores, hyphae, conidiophores) 1+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

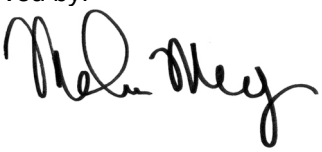
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21104001-36
EML ID: 783746

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 05-14-2011

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-36

Date of Sampling: 05-14-2011
Date of Receipt: 05-14-2011
Date of Report: 05-14-2011

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3470475-1: Tape sample 21104001-36 TL05				
Moderate	Very few	4+ *Stachybotrys* species (spores, hyphae, conidiophores) 1+ *Acremonium* species (spores, hyphae, conidiophores) 1+ *Aspergillus* species (spores, hyphae, conidiophores)	None	Mold growth

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

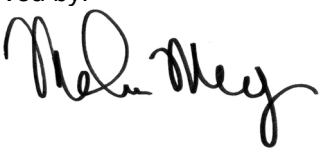
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21104001-1
EML ID: 769294

Approved by:



Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 04-18-2011

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21104001-1 TM11OUT		21104001-1 TM12		21104001-1 TM13		21104001-1 TM14	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3403439-2		3403440-2		3403441-2		3403442-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Arthrinium								
Ascospores*								
Basidiospores*	4	210	1	53				
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53			1	53	1	53
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*					1	13		
Smuts*, Periconia, Myxomycetes*	1	13						
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		1+		1+		1+	
Hyphal fragments/m3	40		< 13		13		< 13	
Pollen/m3	370		27		< 13		13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		290		53		67		53

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21104001-1 TM15		21104001-1 TM16		21104001-1 TM17		21104001-1 TM18	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3403443-2		3403444-2		3403445-2		3403446-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Basidiospores*			1	53	1	53	1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53						
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*			1	13	1	13		
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		1+		2+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	< 13		13		< 13		< 13	
Skin cells (1-4+)	1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		53		67		67		53

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
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Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21104001-1 TM19		21104001-1 TM20OUT	
Comments (see below)	None		None	
Lab ID-Version‡:	3403447-2		3403448-2	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13
Arthrinium				
Ascospores*	2	110	8	430
Basidiospores*	7	370	40	2,100
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	3	160	14	750
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Other colorless			3	40
Penicillium/Aspergillus types†	1	53	15	800
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*			1	13
Stachybotrys				
Stemphylium				
Torula			1	13
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	2+		3+	
Hyphal fragments/m3	13		67	
Pollen/m3	40		1,000	
Skin cells (1-4+)	1+		< 1+	
Sample volume (liters)	75		75	
§ TOTAL SPORES/m3		690		4,200

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
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Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21104001-1 TM11OUT

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: April				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	27	230	40	7	27	230	52
Bipolaris/Drechslera group	-	7	13	140	11	7	13	130	12
Chaetomium	-	7	13	130	10	7	13	120	19
Cladosporium	53	27	300	5,100	90	53	590	7,700	96
Curvularia	-	7	13	230	7	7	13	230	7
Nigrospora	-	7	13	93	7	7	13	200	9
Other colorless	-	7	13	320	4	7	13	120	4
Penicillium/Aspergillus types	-	13	160	1,400	69	33	210	2,400	84
Stachybotrys	-	7	13	420	3	7	13	230	4
Torula	-	7	13	160	8	7	13	160	11
Seldom found growing indoors**									
Ascospores	-	13	110	3,400	75	13	110	2,100	70
Basidiospores	210	13	230	7,100	89	13	210	8,600	92
Rusts	-	7	13	230	17	7	13	270	24
Smuts, Periconia, Myxomycetes	13	7	27	440	55	7	40	550	67
§ TOTAL SPORES/m3	290								

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

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Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21104001-1 TM20OUT

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: April				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	27	230	40	7	27	230	52
Bipolaris/Drechslera group	-	7	13	140	11	7	13	130	12
Chaetomium	-	7	13	130	10	7	13	120	19
Cladosporium	750	27	300	5,100	90	53	590	7,700	96
Curvularia	-	7	13	230	7	7	13	230	7
Nigrospora	-	7	13	93	7	7	13	200	9
Other colorless	40	7	13	320	4	7	13	120	4
Penicillium/Aspergillus types	800	13	160	1,400	69	33	210	2,400	84
Stachybotrys	-	7	13	420	3	7	13	230	4
Torula	13	7	13	160	8	7	13	160	11
Seldom found growing indoors**									
Ascospores	430	13	110	3,400	75	13	110	2,100	70
Basidiospores	2,100	13	230	7,100	89	13	210	8,600	92
Rusts	-	7	13	230	17	7	13	270	24
Smuts, Periconia, Myxomycetes	13	7	27	440	55	7	40	550	67
§ TOTAL SPORES/m3	4,200								

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

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Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21104001-1 TM11OUT:

Species detected	Outdoor sample spores/m3 <100 1K 10K >100K	Typical outdoor ranges (North America)	Freq. %
Alternaria	13	7 - 27 - 440	49
Ascospores	ND	13 - 160 - 5,200	76
Basidiospores	210	13 - 370 - 19,000	91
Cladosporium	53	27 - 480 - 9,700	92
Penicillium/Aspergillus types	ND	13 - 190 - 2,500	74
Smuts, Periconia, Myxomycetes	13	7 - 40 - 850	66
Total	293		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21104001-1 TM12

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 18%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.4000	dF: 4 Result: 0.8500 Critical value: N/A Outside Similar: N/A	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Total	53

Location: 21104001-1 TM13

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 22%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.3333	dF: 5 Result: 0.0250 Critical value: 0.8000 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Rusts	13
Total	67

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Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21104001-1 TM14

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 18%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.4000	dF: 4 Result: 0.4500 Critical value: N/A Outside Similar: N/A	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Total	53

Location: 21104001-1 TM15

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 18%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.4000	dF: 4 Result: 0.4500 Critical value: N/A Outside Similar: N/A	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Total	53

Location: 21104001-1 TM16

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 22%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.6667	dF: 4 Result: 0.5500 Critical value: N/A Outside Similar: N/A	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Smuts, Periconia, Myxomycetes	13
Total	67

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Re: 21104001-1

Date of Sampling: 04-03-2011
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Date of Report: 04-04-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21104001-1 TM17

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 22%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.6667	dF: 4 Result: 0.5500 Critical value: N/A Outside Similar: N/A	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Smuts, Periconia, Myxomycetes	13
Total	67

Location: 21104001-1 TM18

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 18%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.4000	dF: 4 Result: 0.8500 Critical value: N/A Outside Similar: N/A	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Total	53

Location: 21104001-1 TM19

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 239%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.5000	dF: 6 Result: 0.5286 Critical value: 0.7714 Outside Similar: No	Score: 136 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Ascospores	110
Basidiospores	370
Cladosporium	160
Penicillium/Aspergillus types	53
Total	693

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Date of Sampling: 04-03-2011
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Date of Report: 04-04-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&Kreserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21104001-1 TM20OUT:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	13	7 - 27 - 440	49
Ascospores	430	13 - 160 - 5,200	76
Basidiospores	2,100	13 - 370 - 19,000	91
Cladosporium	750	27 - 480 - 9,700	92
Other colorless	40	7 - 13 - 330	5
Penicillium/Aspergillus types	800	13 - 190 - 2,500	74
Smuts, Periconia, Myxomycetes	13	7 - 40 - 850	66
Torula	13	7 - 13 - 170	10
Total	4,187		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21104001-1 TM12

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.6905 Critical value: 0.6190 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Total	53

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Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21104001-1 TM13

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.2000	dF: 9 Result: 0.1500 Critical value: 0.5833 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Rusts	13
Total	67

Location: 21104001-1 TM14

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.5000 Critical value: 0.6190 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Total	53

Location: 21104001-1 TM15

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.5000 Critical value: 0.6190 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Total	53

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21104001-1 TM16

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.4000	dF: 8 Result: 0.3988 Critical value: 0.6190 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Smuts, Periconia, Myxomycetes	13
Total	67

Location: 21104001-1 TM17

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.4000	dF: 8 Result: 0.3988 Critical value: 0.6190 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Smuts, Periconia, Myxomycetes	13
Total	67

Location: 21104001-1 TM18

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.2222	dF: 8 Result: 0.6905 Critical value: 0.6190 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Total	53

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Re: 21104001-1

Date of Sampling: 04-03-2011
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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21104001-1 TM19

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 16%	dF: 7 Result: 5.7222 Critical value: 14.0671 Inside Similar: Yes	Result: 0.6667	dF: 8 Result: 0.8929 Critical value: 0.6190 Outside Similar: Yes	Score: 102 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Ascospores	110
Basidiospores	370
Cladosporium	160
Penicillium/Aspergillus types	53
Total	693

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&Kreserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

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Re: 21104001-1

Date of Sampling: 04-03-2011
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MoldSCORE™: Spore Trap Report

Outdoor Sample: 21104001-1 TM11OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		1	13
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		1	53
Curvularia		ND	< 13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		ND	< 13
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		ND	< 13
Basidiospores††		4	210
Rusts		ND	< 13
Smuts, Periconia, Myxomycetes††		1	13
Total			**293**

Location: 21104001-1 TM12

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**105**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM13

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		1	13		105
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**67**	**Final MoldSCORE**	**103**

Location: 21104001-1 TM14

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**103**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM15

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**103**

Location: 21104001-1 TM16

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**67**	**Final MoldSCORE**	**105**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM17

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**67**	**Final MoldSCORE**	**105**

Location: 21104001-1 TM18

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**105**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM19

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		3	160		110
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		108
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		2	110		143
Basidiospores††		7	370		136
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**693**	**Final MoldSCORE**	**136**

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

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MoldSCORE™: Spore Trap Report

Outdoor Sample: 21104001-1 TM20OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		1	13
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		14	750
Curvularia		ND	< 13
Nigrospora		ND	< 13
Other colorless		3	40
Penicillium/Aspergillus types†		15	800
Stachybotrys		ND	< 13
Torula		1	13
Seldom found growing indoors**			
Ascospores††		8	430
Basidiospores††		40	2,100
Rusts		ND	< 13
Smuts, Periconia, Myxomycetes††		1	13
Total			**4,187**

Location: 21104001-1 TM12

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		103
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**103**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM13

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		1	13		105
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**67**	**Final MoldSCORE**	**103**

Location: 21104001-1 TM14

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**103**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM15

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**103**

Location: 21104001-1 TM16

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		102
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**67**	**Final MoldSCORE**	**103**

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM17

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		102
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**67**	**Final MoldSCORE**	**103**

Location: 21104001-1 TM18

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		103
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**103**

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C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-1

Date of Sampling: 04-03-2011
Date of Receipt: 04-04-2011
Date of Report: 04-04-2011

MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM19

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		3	160		102
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		2	110		116
Basidiospores††		7	370		102
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**693**	**Final MoldSCORE**	**102**

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

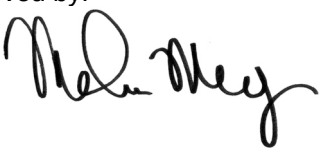
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21104001-1
EML ID: 783872

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 05-16-2011

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

Document Number: 200091 - Revision Number: 5

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
Date of Report: 05-16-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21104001-1 TM21 OUT		21104001-1 TM22		21104001-1 TM23		21104001-1 TM24	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3470947-1		3470948-1		3470949-1		3470950-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	15	800			1	53		
Aureobasidium								
Basidiospores*	14	750	2	110				
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	10	530						
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other brown								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*	1	13						
Smuts*, Periconia, Myxomycetes*	2	27						
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	2+		2+		3+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		2,100		110		53		< 13

Comments:
Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
Date of Report: 05-16-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21104001-1 TM25		21104001-1 TM26 OUT		21104001-1 TM27		21104001-1 TM28	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3470951-1		3470952-1		3470953-1		3470954-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13				
Arthrinium								
Ascospores*			14	750				
Aureobasidium								
Basidiospores*			153	8,200				
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium			4	210				
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other brown					1	13		
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*			1	13	1	13	1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	2+		2+		2+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	1+		< 1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		< 13		9,100		27		13

Comments:
Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
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For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
Date of Report: 05-16-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21104001-1 TM29		21104001-1 TM30	
Comments (see below)	None		None	
Lab ID-Version‡:	3470955-1		3470956-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria				
Arthrinium				
Ascospores*				
Aureobasidium				
Basidiospores*				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Other brown				
Penicillium/Aspergillus types†				
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Background debris (1-4+)††	3+		2+	
Hyphal fragments/m3	13		< 13	
Pollen/m3	< 13		< 13	
Skin cells (1-4+)	1+		1+	
Sample volume (liters)	75		75	
§ TOTAL SPORES/m3		< 13		< 13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
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§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
Date of Report: 05-16-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21104001-1 TM21 OUT

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: May				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	27	340	52	7	27	230	52
Bipolaris/Drechslera group	-	7	13	170	14	7	13	130	12
Chaetomium	-	7	13	120	13	7	13	120	20
Cladosporium	530	27	460	7,500	93	53	590	7,800	96
Curvularia	-	7	13	280	9	7	13	230	7
Nigrospora	-	7	13	130	8	7	13	200	9
Penicillium/Aspergillus types	-	13	160	1,600	69	33	210	2,400	83
Stachybotrys	-	7	13	320	3	7	13	220	4
Torula	-	7	13	170	12	7	13	160	11
Seldom found growing indoors**									
Ascospores	800	13	210	8,200	82	13	110	2,100	69
Basidiospores	750	13	290	11,000	92	13	210	8,700	92
Rusts	13	7	13	240	21	7	13	270	25
Smuts, Periconia, Myxomycetes	27	7	50	840	71	7	40	560	67
§ TOTAL SPORES/m3	2,100								

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

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Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
Date of Report: 05-16-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21104001-1 TM26 OUT

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: May				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	27	340	52	7	27	230	52
Bipolaris/Drechslera group	-	7	13	170	14	7	13	130	12
Chaetomium	-	7	13	120	13	7	13	120	20
Cladosporium	210	27	460	7,500	93	53	590	7,800	96
Curvularia	-	7	13	280	9	7	13	230	7
Nigrospora	-	7	13	130	8	7	13	200	9
Penicillium/Aspergillus types	-	13	160	1,600	69	33	210	2,400	83
Stachybotrys	-	7	13	320	3	7	13	220	4
Torula	-	7	13	170	12	7	13	160	11
Seldom found growing indoors**									
Ascospores	750	13	210	8,200	82	13	110	2,100	69
Basidiospores	8,200	13	290	11,000	92	13	210	8,700	92
Rusts	-	7	13	240	21	7	13	270	25
Smuts, Periconia, Myxomycetes	13	7	50	840	71	7	40	560	67
§ TOTAL SPORES/m3	9,100								

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

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Re: 21104001-1

Date of Submittal: 05-16-2011
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Date of Report: 05-16-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21104001-1 TM21 OUT:

Species detected	Outdoor sample spores/m3 <100 1K 10K >100K	Typical outdoor ranges (North America)	Freq. %
Ascospores	800	13 - 160 - 5,200	76
Basidiospores	750	13 - 370 - 19,000	91
Cladosporium	530	27 - 480 - 9,700	92
Penicillium/Aspergillus types	ND	13 - 180 - 2,500	74
Rusts	13	7 - 20 - 330	21
Smuts, Periconia, Myxomycetes	27	7 - 40 - 850	66
Total	2,120		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21104001-1 TM22

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 5%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.3333	dF: 5 Result: 0.5000 Critical value: 0.8000 Outside Similar: No	Score: 108 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	110
Total	107

Location: 21104001-1 TM23

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 2%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.3333	dF: 5 Result: 0.7500 Critical value: 0.8000 Outside Similar: No	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Ascospores	53
Total	53

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21104001-1 TM24

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 21104001-1 TM25

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 21104001-1 TM27

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.2857	dF: 6 Result: -0.3571 Critical value: 0.7714 Outside Similar: No	Score: 108 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Other brown	13
Smuts, Periconia, Myxomycetes	13
Total	27

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C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21104001-1 TM28

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.3333	dF: 5 Result: 0.0000 Critical value: 0.8000 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Smuts, Periconia, Myxomycetes	13
Total	13

Location: 21104001-1 TM29

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 21104001-1 TM30

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

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*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&Kreserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21104001-1 TM26 OUT:

Species detected	Outdoor sample spores/m3 <100 1K 10K >100K	Typical outdoor ranges (North America)	Freq. %
Alternaria	13	7 - 27 - 440	48
Ascospores	750	13 - 160 - 5,200	76
Basidiospores	8,200	13 - 370 - 19,000	91
Cladosporium	210	27 - 480 - 9,700	92
Penicillium/Aspergillus types	ND	13 - 180 - 2,500	74
Smuts, Periconia, Myxomycetes	13	7 - 40 - 850	66
Total	9,147		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21104001-1 TM22

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.3333	dF: 5 Result: 0.7750 Critical value: 0.8000 Outside Similar: No	Score: 101 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	110
Total	107

Location: 21104001-1 TM23

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.3333	dF: 5 Result: 0.5250 Critical value: 0.8000 Outside Similar: No	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Ascospores	53
Total	53

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21104001-1 TM24

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 21104001-1 TM25

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 21104001-1 TM27

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.2857	dF: 6 Result: -0.4286 Critical value: 0.7714 Outside Similar: No	Score: 108 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Other brown	13
Smuts, Periconia, Myxomycetes	13
Total	27

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21104001-1 TM28

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.3333	dF: 5 Result: -0.1000 Critical value: 0.8000 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Smuts, Periconia, Myxomycetes	13
Total	13

Location: 21104001-1 TM29

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 21104001-1 TM30

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 7 Result: 2.5833 Critical value: 14.0671 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

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MoldSCORE™: Spore Trap Report

Outdoor Sample: 21104001-1 TM21 OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		ND	< 13
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		10	530
Curvularia		ND	< 13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		ND	< 13
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		15	800
Basidiospores††		14	750
Rusts		1	13
Smuts, Periconia, Myxomycetes††		2	27
Total			**2,120**

Location: 21104001-1 TM22

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		2	110		108
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**107**	**Final MoldSCORE**	**108**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM23

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		1	53		113
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**100**

Location: 21104001-1 TM24

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM25

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

Location: 21104001-1 TM27

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Other brown		1	13		105
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**27**	**Final MoldSCORE**	**108**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM28

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**13**	**Final MoldSCORE**	**103**

Location: 21104001-1 TM29

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM30

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
Date of Report: 05-16-2011

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21104001-1 TM26 OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		1	13
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		4	210
Curvularia		ND	< 13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		ND	< 13
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		14	750
Basidiospores††		153	8,200
Rusts		ND	< 13
Smuts, Periconia, Myxomycetes††		1	13
Total			**9,147**

Location: 21104001-1 TM22

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		ND	< 13
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		ND	< 13
Curvularia		ND	< 13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		ND	< 13
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		ND	< 13
Basidiospores††		2	110
Rusts		ND	< 13
Smuts, Periconia, Myxomycetes††		ND	< 13
Total			**107**

MoldSCORE‡ 100 200 300	Score
	100
	100
	100
	100
	100
	100
	100
	100
	100
	100
	100
	101
	100
	100
Final MoldSCORE	**101**

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Re: 21104001-1

Date of Submittal: 05-16-2011
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MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM23

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		1	53		119
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**100**

Location: 21104001-1 TM24

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

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Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
Date of Report: 05-16-2011

MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM25

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

Location: 21104001-1 TM27

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Other brown		1	13		105
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**27**	**Final MoldSCORE**	**108**

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Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
Date of Report: 05-16-2011

MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM28

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**13**	**Final MoldSCORE**	**103**

Location: 21104001-1 TM29

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

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Client: Hygiene Technologies International, Inc.: Northern California
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Re: 21104001-1

Date of Submittal: 05-16-2011
Date of Receipt: 05-16-2011
Date of Report: 05-16-2011

MoldSCORE™: Spore Trap Report

Location: 21104001-1 TM30

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

HYGIENE TECH
Hygiene Technologies International, Inc.
000769292
3625 Del Amo
Torrance, California 90503-1645
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/~~Purchase Order~~: 2110402A-T36 Date Submitted: 4/4/11

Project Contact: L. Sandhu / W. Roy Turnaround Required: Normal

Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
2110402A-36 TL03	N/A	Tape	~~Spore~~ Direct Exam Qualitative
↓ TL04	↓	↓	↓

Special Instructions: Supply for Room 182

1. Sampled by: Sandhu on 4/2/11 @14:30 Received by: KENTSE 4/4/11 8:16AM
2. Relinquished by: Sandhu on 4/4/11 @8:16 Received by: C Schatz 4/4/11 8:40am
3. Relinquished by: _____ Received by: _____

Please include signature, date, and time

Lab Use Only:

HYGIENE TECH

Hygiene Technologies International, Inc.

...uite 180
...3-1543
...70-8370
...74 FAX
...ech.com

000783746

Request For Analysis

Project Number/Purchase Order: 21104001-36 Date Submitted: 5/14/11

Project Contact: W Frey, L Sandhu Turnaround Required: ~~Standard~~ Holiday Sextent

Lab Destination: EMLab Lab Contact: Sample Rm

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21104001-36TL05	N/A	TAPE	Direct Exam (On Hand)

Special Instructions: M Fl supply Fan Room 1&2

1. Sampled by: KEN TSE 5/13/11 11:30PM Received by:
2. Relinquished by: KEN TSE 5/14/11 7AM Received by: [signature] on 5/14/11 @7:37
3. Relinquished by: [signature] 5/14/11 @7:55 Received by: Murali Pully 5/14/11 9:30am

Please include signature, date, and time

Lab Use Only:

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HYGIENE TECH

Hygiene Technologies International, inc.

000769294

(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/~~Purchase Order~~: 21104001-1 Date Submitted: 4/3/11

Project Contact: L-Sandhu/W-Frey Turnaround Required: Same day

Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21104001-1 TM11	75L	Air-o-cell	Spore Trap
TM12	↓	↓	↓
TM13	↓	↓	↓
TM14	↓	↓	↓
TM15	↓	↓	↓
TM16	↓	↓	↓
TM17	↓	↓	↓
TM18	↓	↓	↓
TM19	↓	↓	↓
TM20	↓	↓	↓

Special Instructions: Building wide Random

1. Sampled by: Sandhu on 4/3/11 @ 8 4/4/11 Received by: Ken Tse 4/4/11 8:16AM
2. Relinquished by: Sandhu on 4/4/11 @ 8:14 Received by: C Schatz 4/4/11 8:40am
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only:

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HYGIENE TECH

Hygiene Technologies International, Inc.

000783872

3025 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-9370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 21104001-1 Date Submitted: 5/16/11

Project Contact: L Sandhu / W Frey Turnaround Required: SAME DAY

Lab Destination: EMLAB Lab Contact: SAMPLE RECEIVING

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21104001-1 TM21out	75L	Air-o-cell	Spore Trap
21104001-1 TM22	↓	↓	↓
21104001-1 TM23	↓	↓	↓
21104001-1 TM24	↓	↓	↓
21104001-1 TM25	↓	↓	↓
21104001-1 TM26out	↓	↓	↓
21104001-1 TM27	↓	↓	↓
21104001-1 TM28	↓	↓	↓
21104001-1 TM29	↓	↓	↓
21104001-1 TM30	↓	↓	↓

Special Instructions: Building wide Random Sampling

1. Sampled by: [signature] 5/15/11 @ 2015 & 5/16/11 @ 0640 Received by: [signature] 5/16/11 @ 07:40
2. Relinquished by: [signature] 5/16/11 @ 07:40 Received by:
3. Relinquished by: [signature] 5/16/11 @ 8:25 Received by: Amin 5/16/11 8:25 AM

Please include signature, date, and time

Lab Use Only: